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September 18, 2001

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COPY

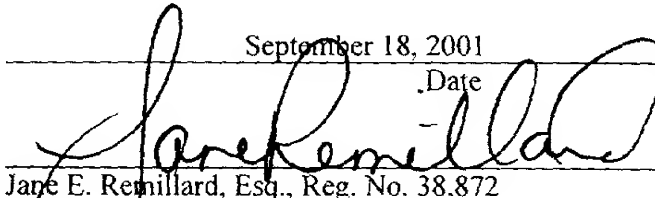
Re: U.S. Patent Application Serial No. 09/851,614  
Title: *"Human Monoclonal Antibodies to Dendritic Cells"*  
Inventors: Yashwant M. Deo and Tibor Keler  
Filing Date: May 8, 2001  
Attorney Docket No. MXI-166

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

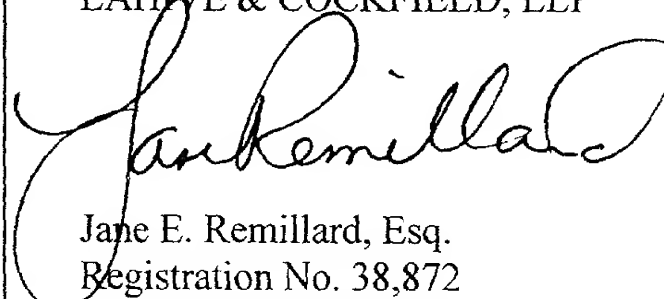
1. Response to Notice to File Missing Parts of Non-provisional Application (2 pgs., in duplicate);
2. An executed Declaration, Petition and Power of Attorney (5 pgs.);
3. A copy of Formalities Letter (2 pgs.);
4. Eight (8) sheets of Formal Drawings (Figures 1-13);
5. A check for \$65.00 (Surcharge Fee); and
6. Pre-paid acknowledgment postcard.

Please charge any necessary fees to our Deposit Account No. 12-0080. The undersigned requests any extensions of time necessary to respond. For this purpose, a duplicate of this sheet is enclosed.

Certificate of First Class Mailing (37 CFR 1.8(a))	
I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, BOX MISSING PARTS, Washington, DC 20231 on:	
	September 18, 2001 Date
Jane E. Remillard, Esq., Reg. No. 38,872	

Respectfully submitted,

LAHIVE & COCKFIELD, LLP

  
Jane E. Remillard, Esq.  
Registration No. 38,872  
Attorney for Applicants

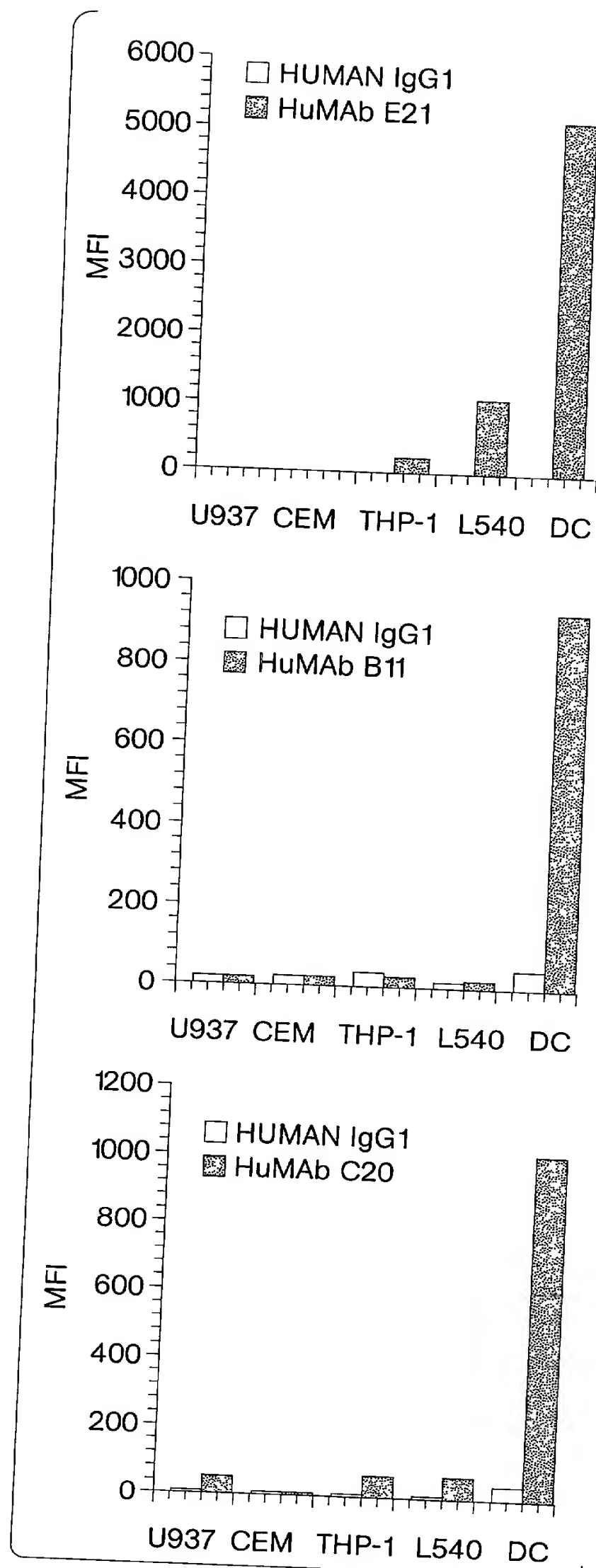


Fig. 1

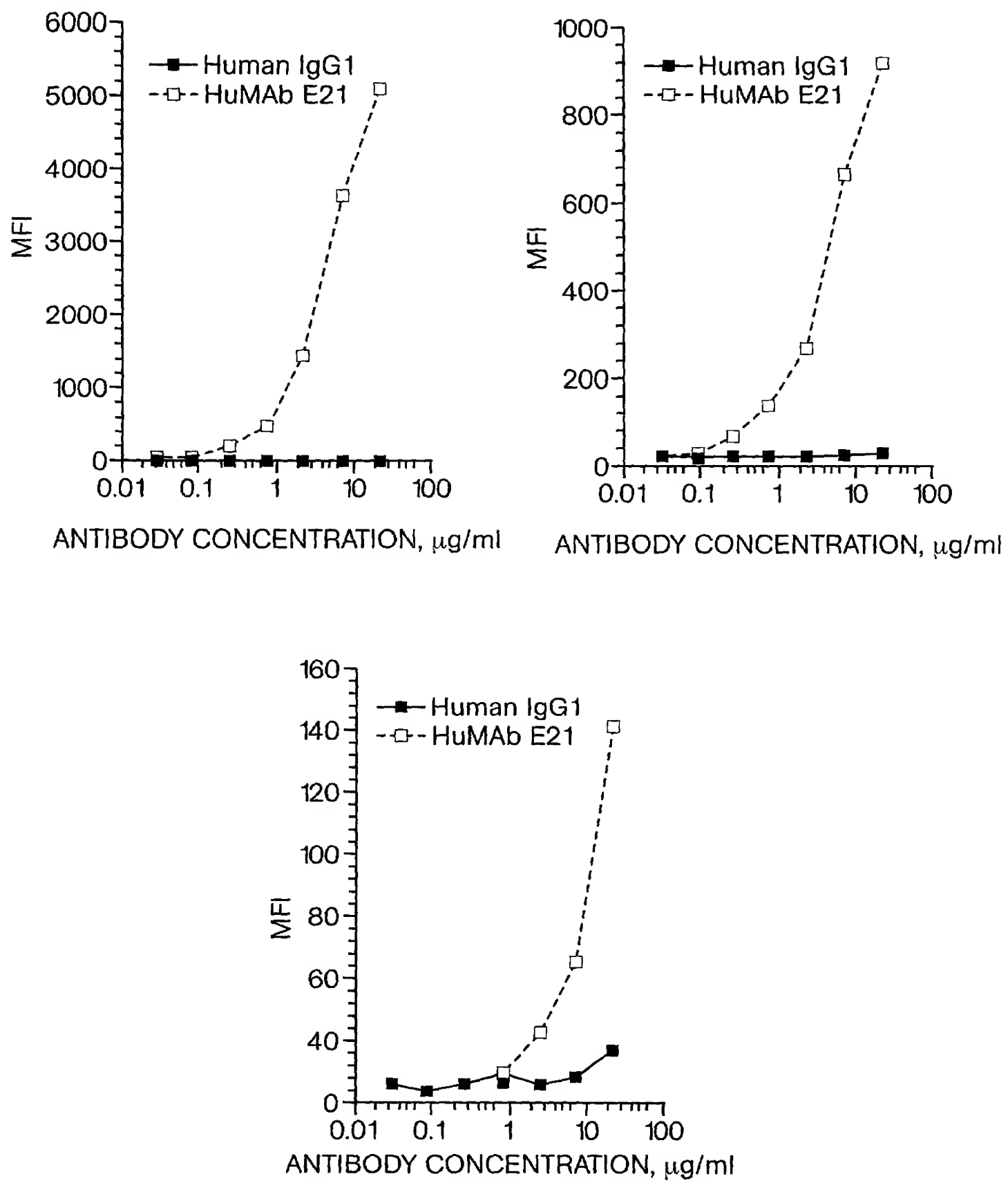


Fig. 2

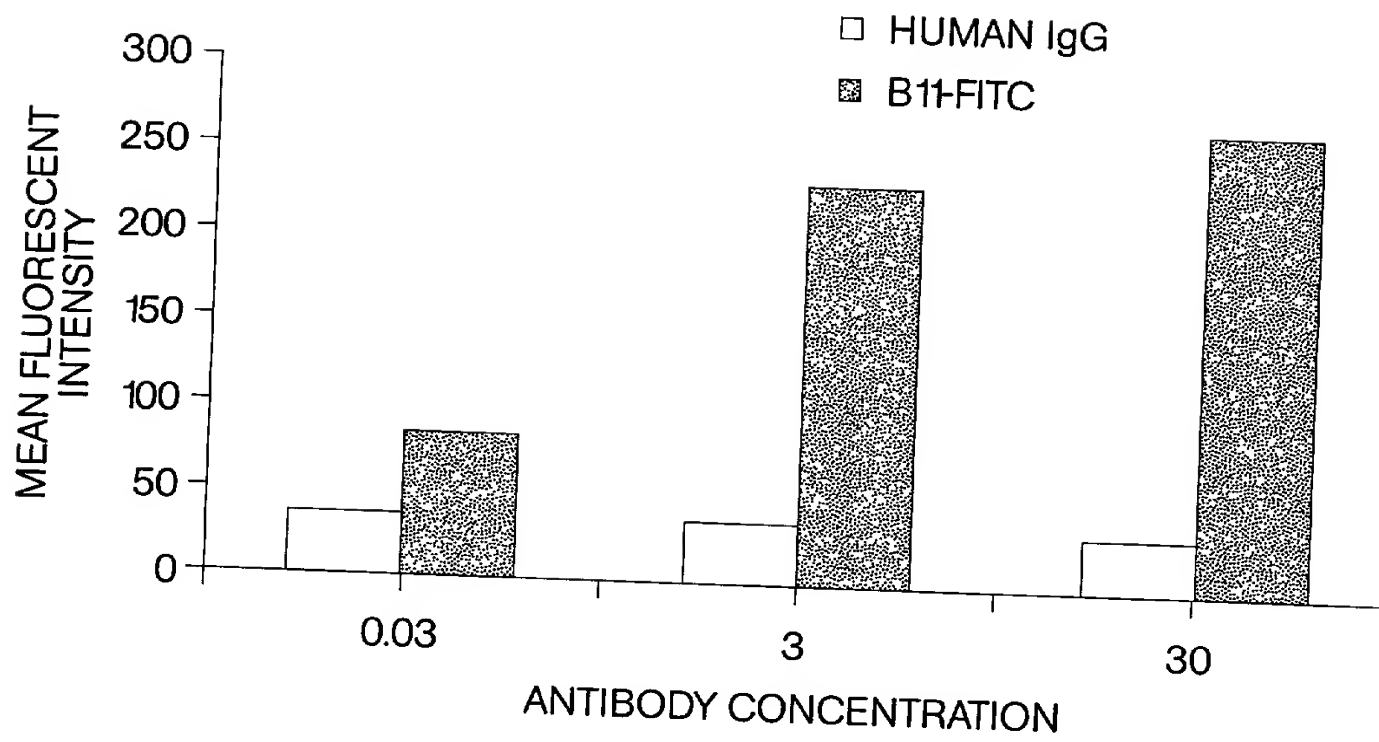


Fig. 3

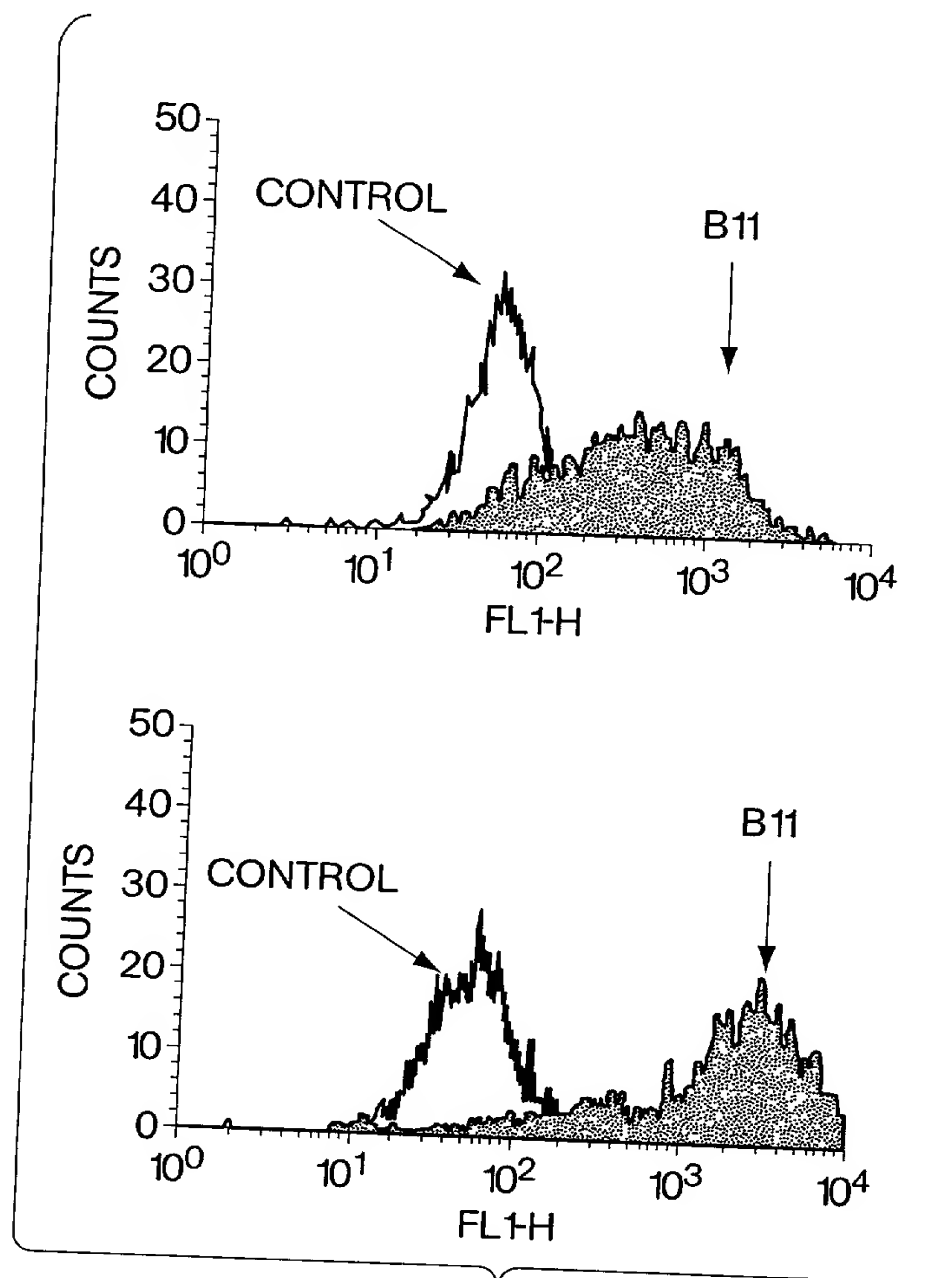


Fig. 4

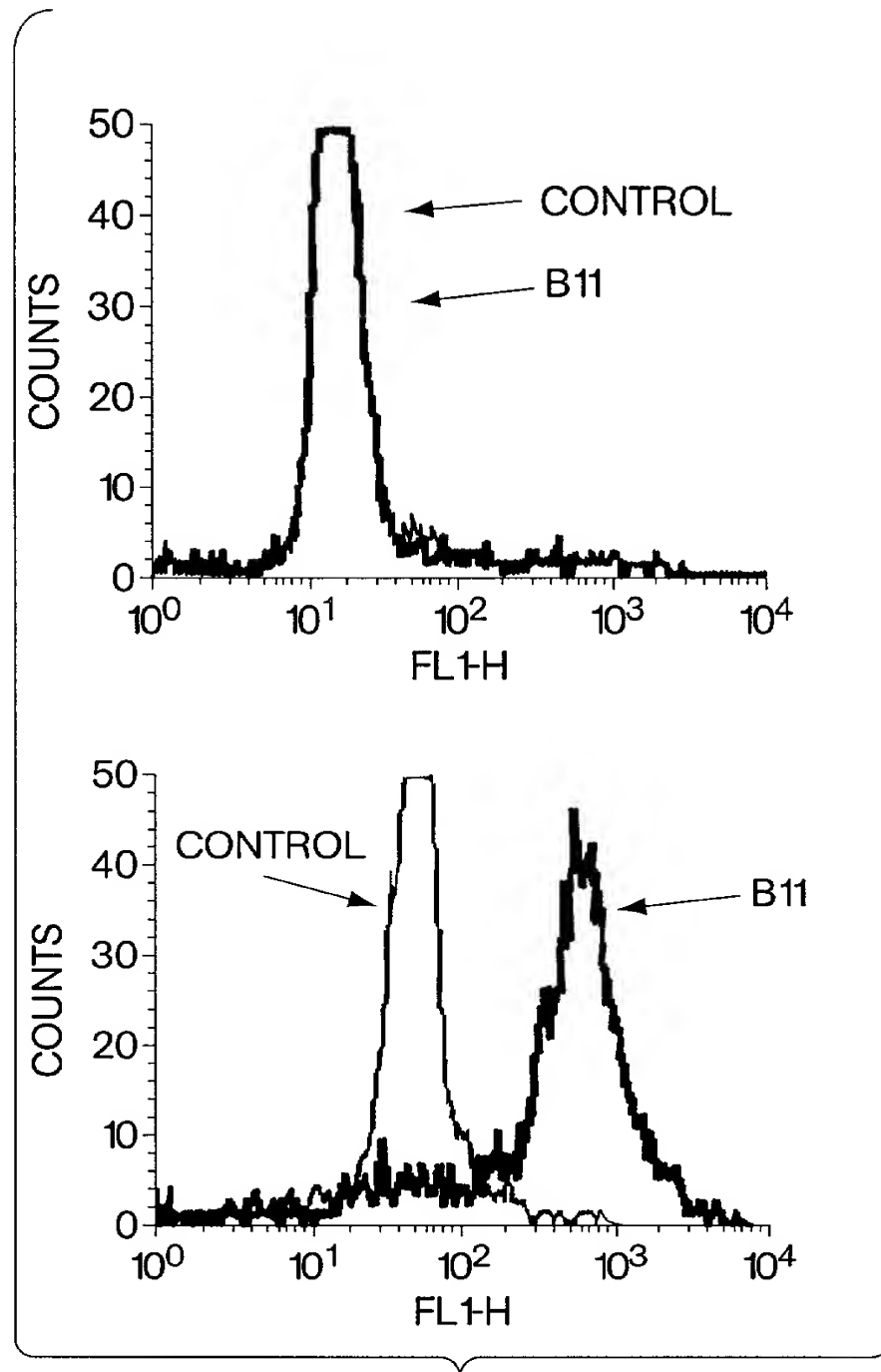


Fig. 5

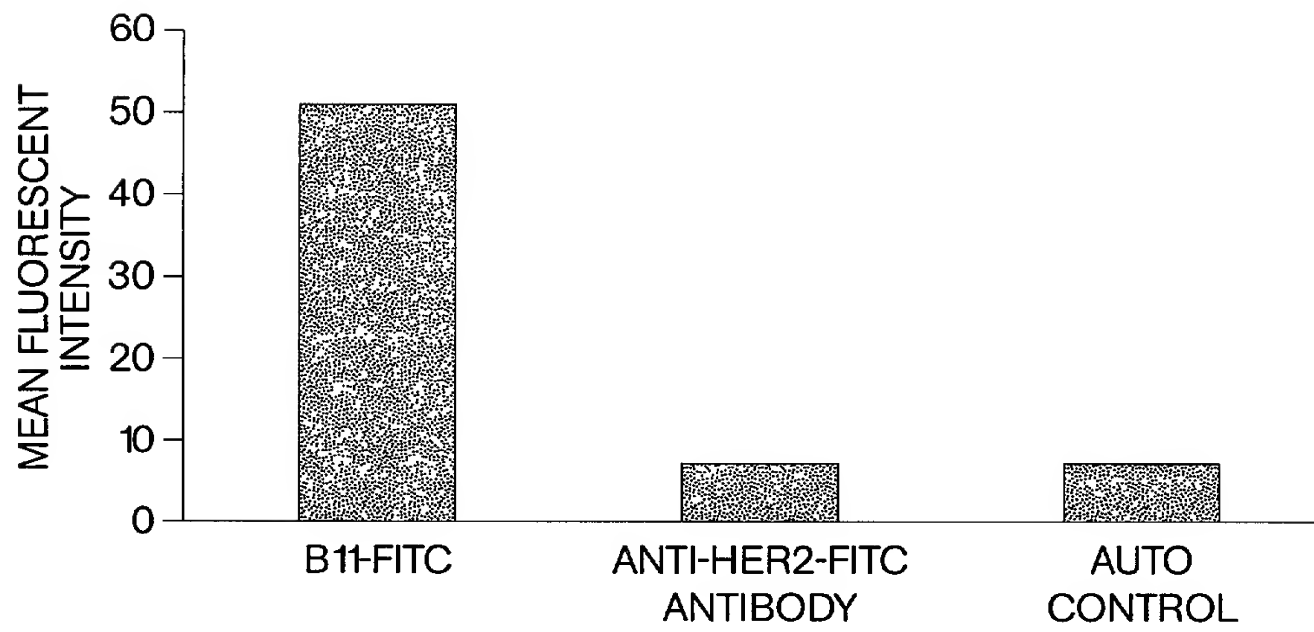


Fig. 6

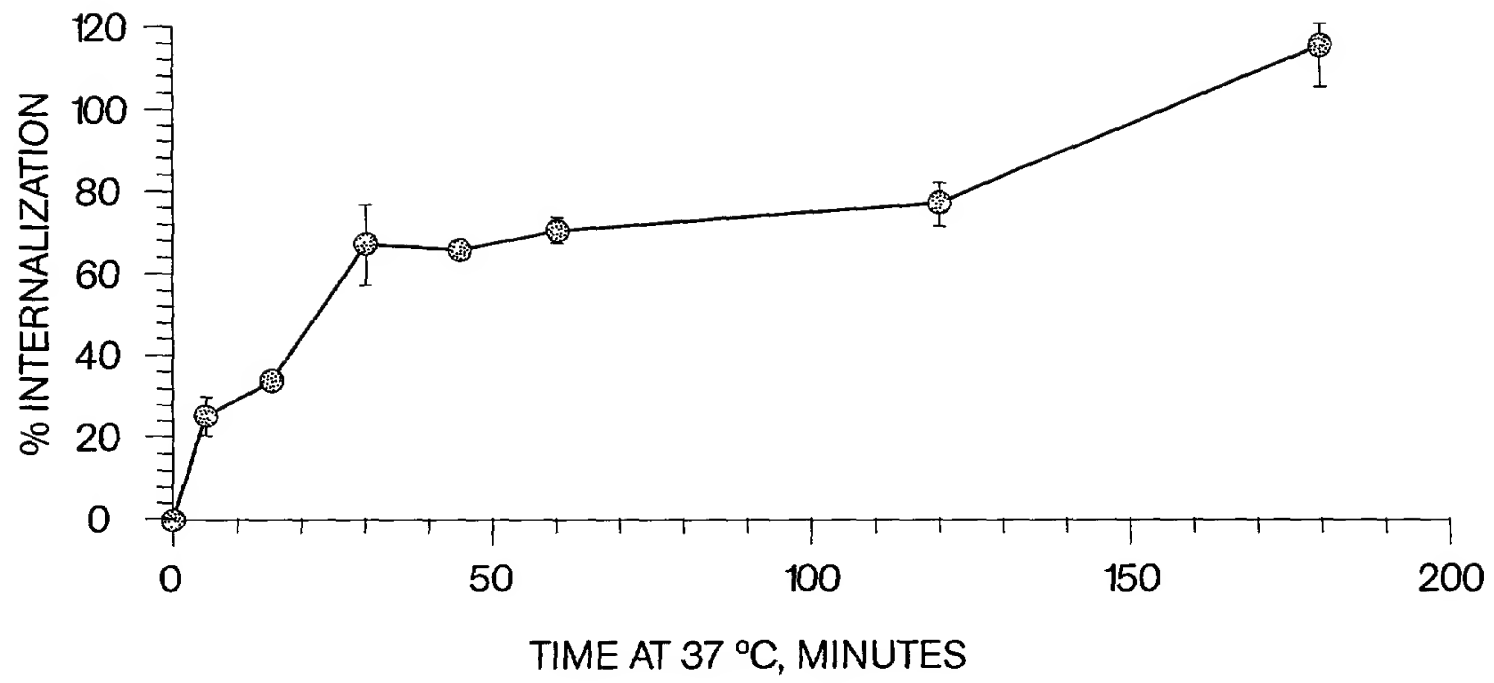


Fig. 7

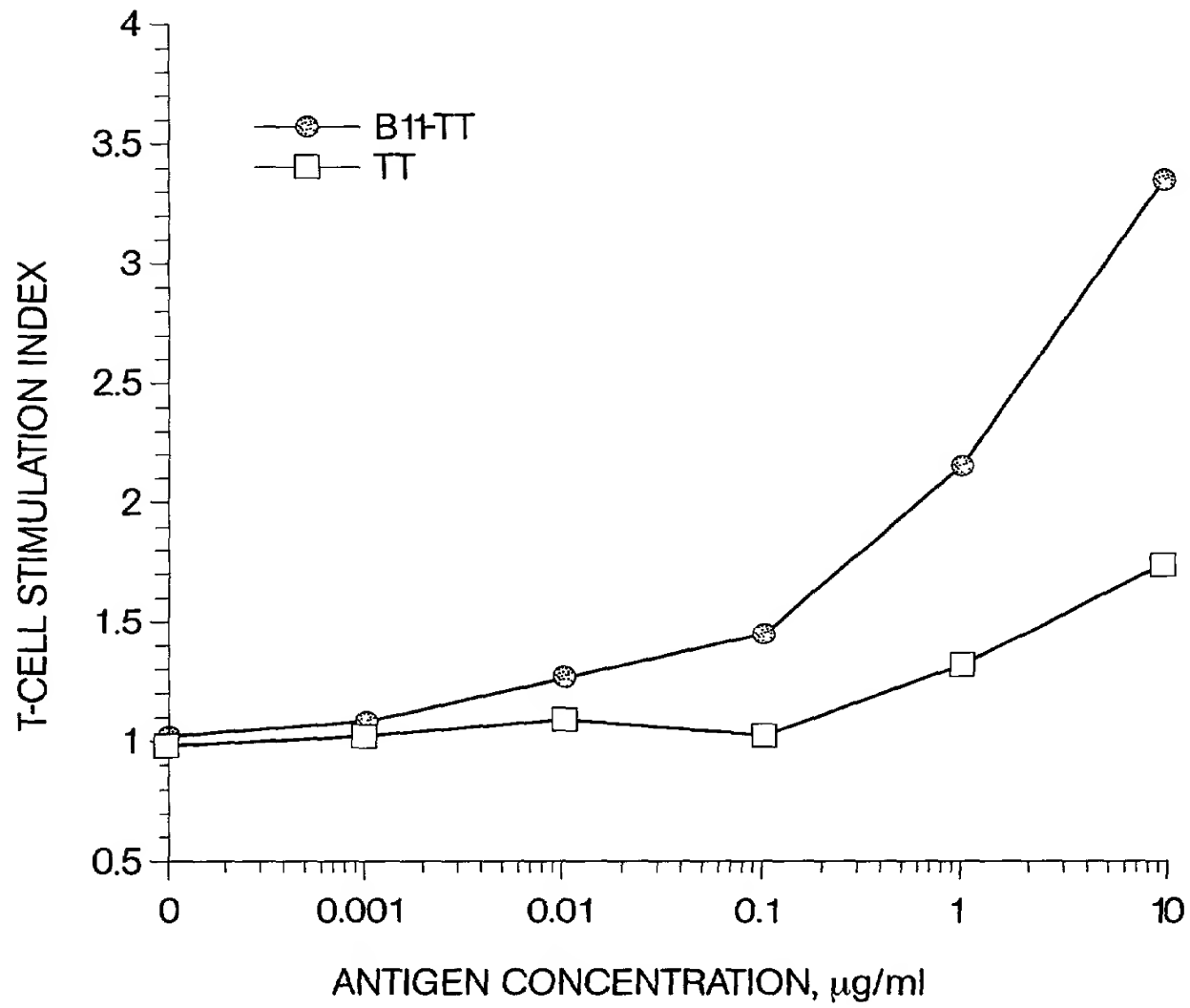


Fig. 8

B11-ScFv CONSTRUCT MAP:

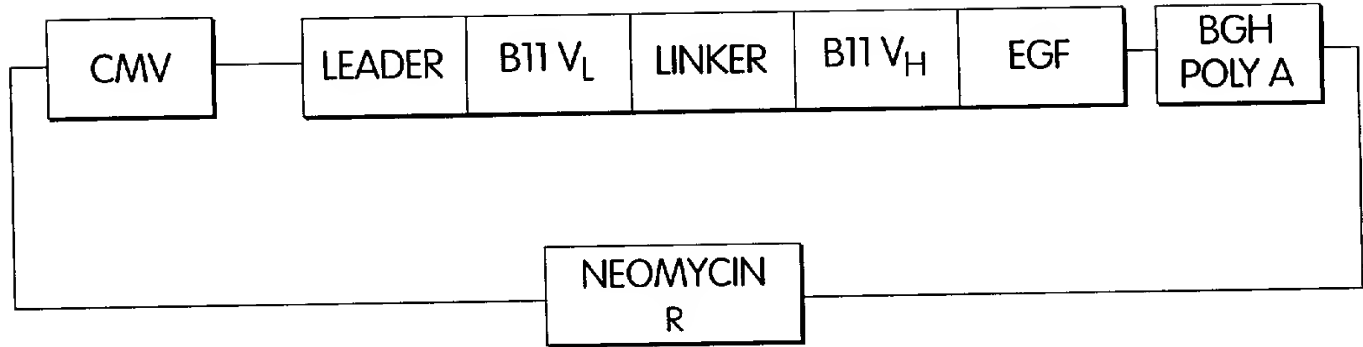


Fig. 9

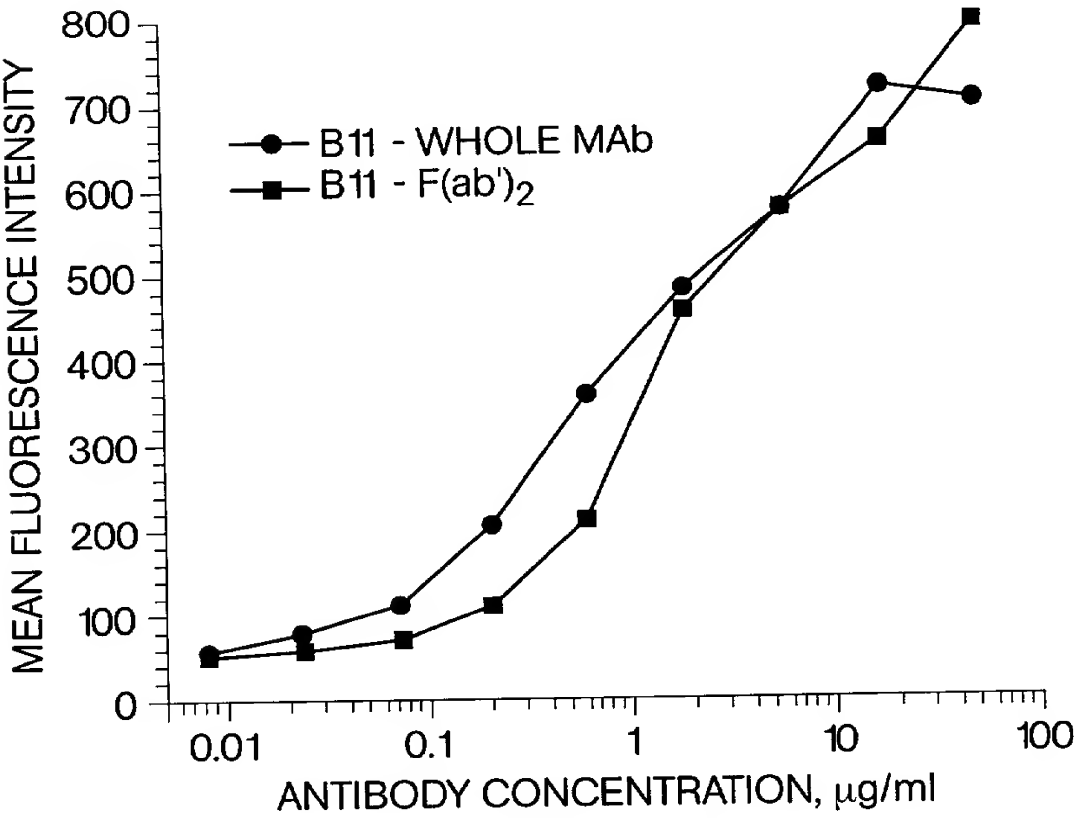


Fig. 10

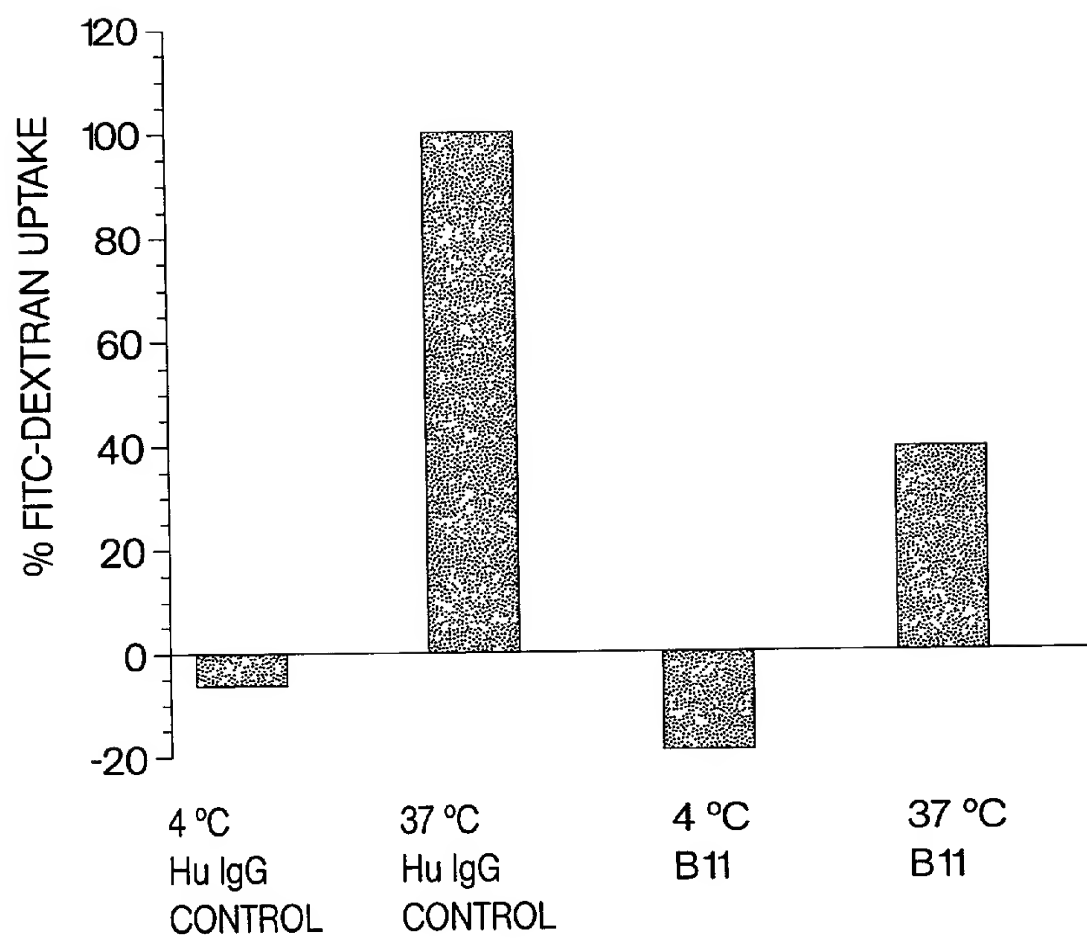


Fig. 11

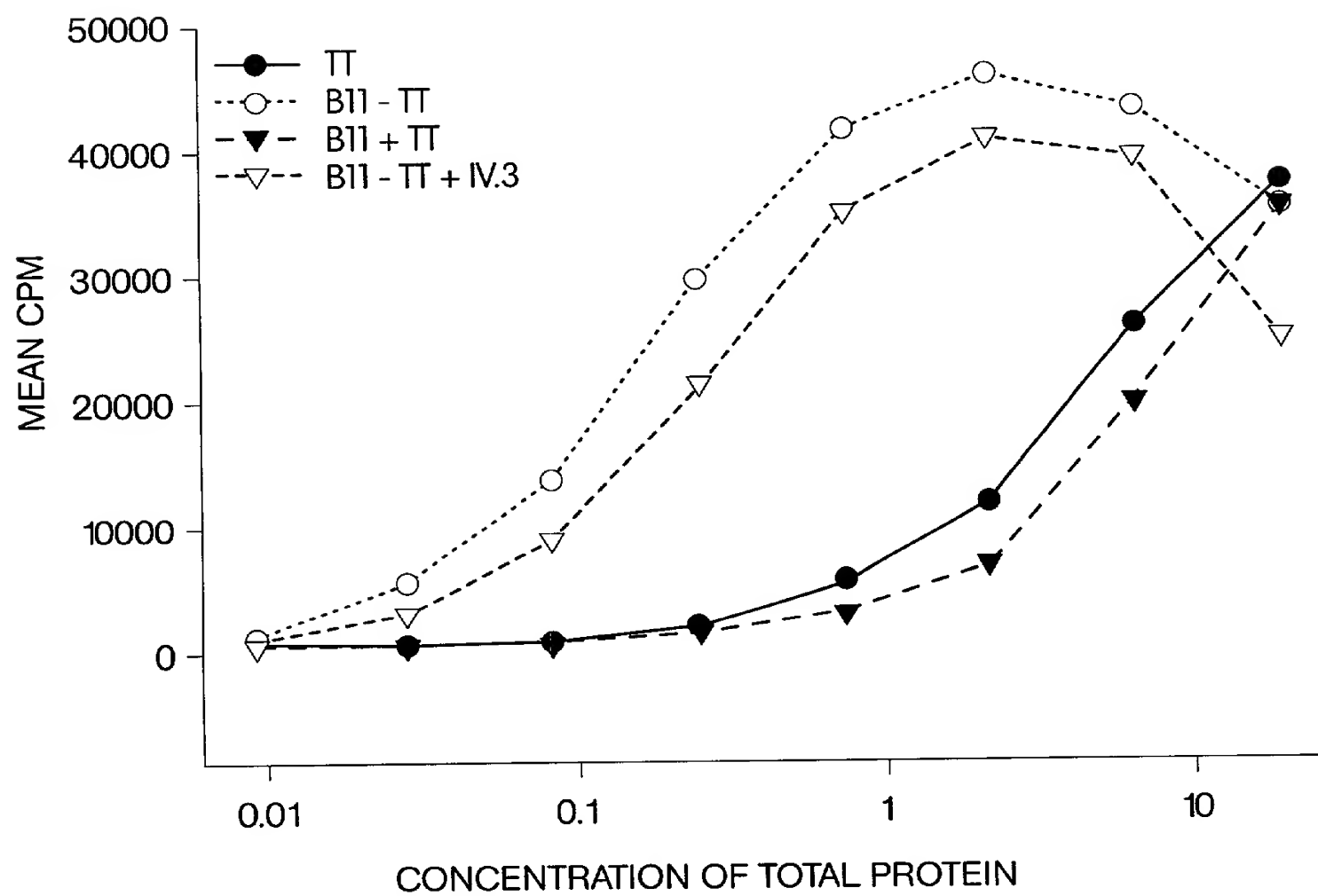


Fig. 12



## B11 HuMAb SEQUENCE DATA:

## B11 VL DNA:

GACATCCAGATGACCCAGTCTCCATCCTCACTGTCTGCATCTGTAGGAGACA  
GAGTCACCATCACTTGTCGGGCGAGTCA  
GGGTATTAGCAGGTGGTTAGCCTGGTATCAGCAGAAACCAGAGAAAGCCCCT  
AAGTCCCTGATCTATGCTGCATCCAGTT  
TGCAAAGTGGGGTCCCATCAAGGTTCAAGCGGCAGTGGATCTGGGACAGATTT  
CACTCTCACCATCAGCGGCCTGCAGCCT  
GAAGATTTTGCAACTTATTACTGCCAACAGTATAATAGTTACCCTCGGACGTT  
CGGCCAAGGGACCAAGGTGGAAATCAA  
A

## B11 VL PROTEIN:

DIQMTQSPSSLSASVGDRVITICRASQGISRWLAWYQQKPEKAPKSLIYAASSLQ  
SGVPSRFSGSGSGTDFTLTISGLQP  
EDFATYYCQQYNSYPRTFGQGTKVEIK

## B11 VH DNA:

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCT  
CTGAGGATCTCCTGTAAGGGTTCTGGAGA  
CAGTTTTACCACCTACTGGATCGGCTGGGTGCGCCAGATGCCCGGGAAAGGC  
CTGGAGTGGATGGGGATCATCTATCCTG  
GTGACTCTGATACCATATACAGCCCGTCCTTCCAAGGCCAGGTCACCATCTCA  
GCCGACAAGTCCATCAGCACCGCCTAC  
CTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTACGA  
GAGGGGACCGGGGCGTTGACTACTGGGG  
CCAGGGAACCCTGGTCACCGTCTCCTCA

## B11 VH PROTEIN:

EVQLVQSGAEVKKPGESLRISCKGSGDSFTTYWIGWVRQMPGKGLEWMGIIYPG  
DSDTIYSPSFQGQVTISADKSISTAY  
LQWSSLKASDTAMYYCTRGDRGVVDYWGQGTLLVTVSS

Fig. 13